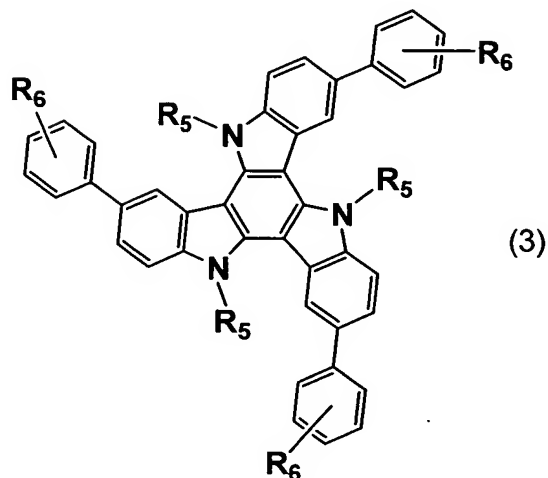


IN THE CLAIMS:

Claims 1-2 (Canceled)

3. (Previously presented) A Sym-triindole derivative represented by the following general formula (3):

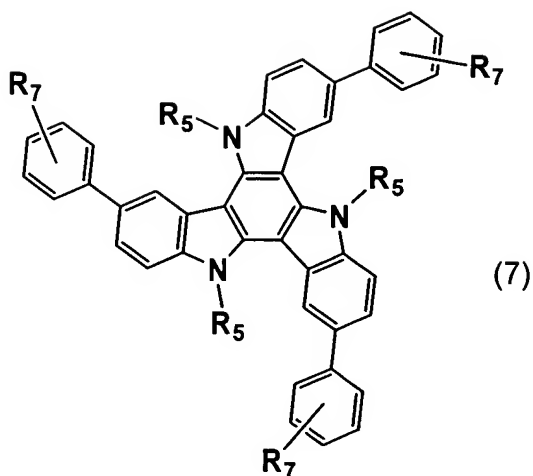
5



wherein R₅ is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group, or aryl C1-C6 alkyl group; and R₆ is hydrogen, formyl group, cyano group, C1-C6 alkoxy carbonyl group, dicyanovinyl group, aryl group or substituted
10 aryl group.

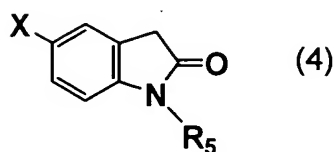
4. (Previously presented) A process for producing a Sym-triindole derivative represented by the following general

formula (7):



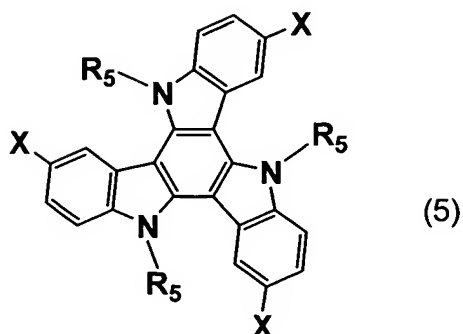
wherein R_5 is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group or aryl C1-C6 alkyl group; and

5 R_7 is hydrogen, formyl group, cyano group, C1-C6 alkoxy carbonyl group, aryl group or substituted aryl group, which process comprises reacting an N-substituted-5-halo-oxyindole represented by the following general formula (4):

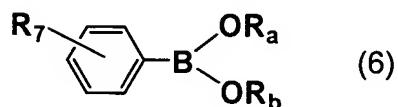


10 wherein R_5 has the same definition as given above; and X is halogen, with a phosphorus oxyhalide to obtain an N-substituted-5-halo-triindole derivative represented by the

following general formula (5):



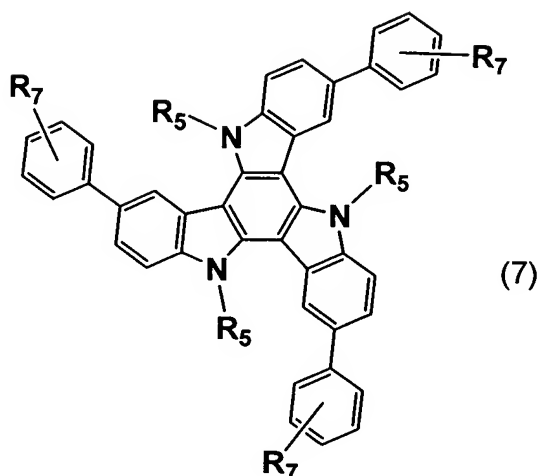
wherein R_5 and X have the same definitions as given above,
and reacting the derivative of general formula (5) it with a
5 boric acid compound represented by the following general formula (6):



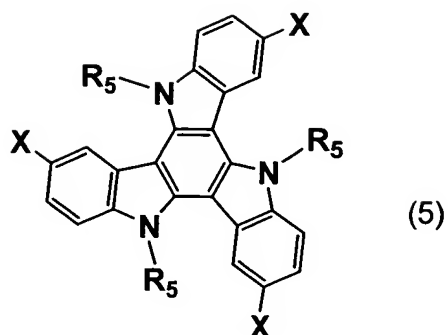
wherein R_7 has the same definition as give above; and R_a and
 R_b are each independently hydrogen atom, C1-C6 alkyl group or
10 optionally substituted phenyl group and may be combined to
each other to form a ring.

5. (Previously presented) A process for producing a Sym-

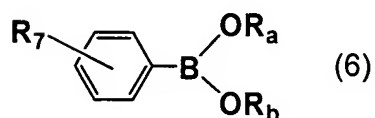
triindole derivative represented by the following general formula (7):



wherein R_5 is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group or aryl C1-C6 alkyl group; and R_7 is hydrogen, formyl group, cyano group, C1-C6 alkoxy carbonyl group, aryl group or substituted aryl group, which process comprises reacting an N-substituted-5-halo-triindole derivative represented by the following general formula (5):

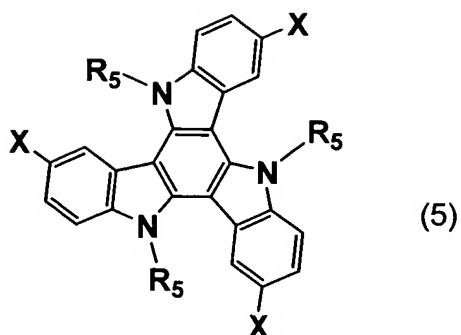


wherein R_5 has the same definition as given above; and X is halogen, with a boric acid compound represented by the following general formula (6):



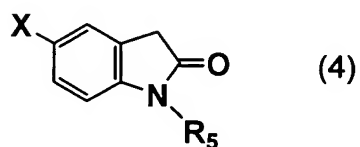
5 wherein R_7 has the same definition as given above; and R_a and R_b are each independently hydrogen atom, C1-C6 alkyl group or optionally substituted phenyl group and may be combined to each other to form a ring.

10 6. (Previously presented) A process for producing an N-substituted-5-halo-triindole derivative represented by the following general formula (5):



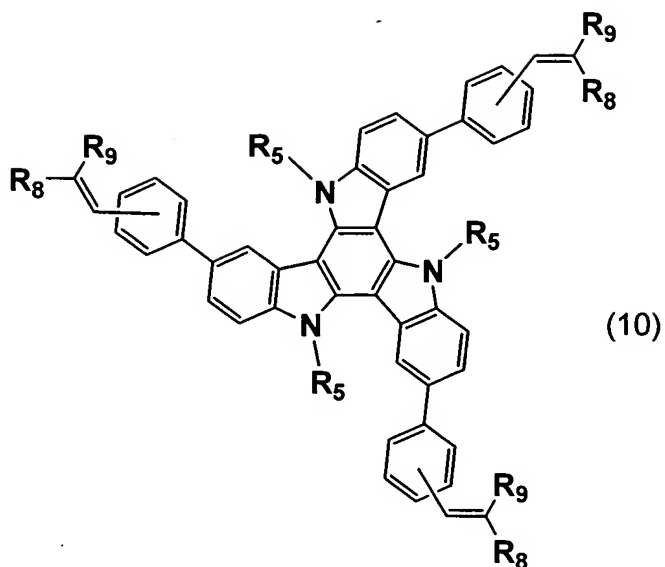
wherein R₅ is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group or aryl C1-C6 alkyl group; and X is halogen, which process comprises reacting an N-substituted-5-halo-oxyindole represented by the following

5 general formula (4):

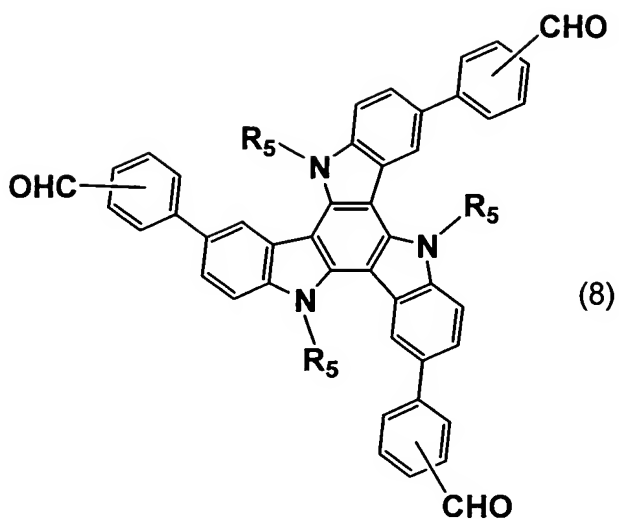


wherein R₅ and X have the same definitions as given above, with a phosphorus oxyhalide.

10 7. (Previously presented) A process for producing a Sym-triindole derivative represented by the following general formula (10):



wherein R_5 is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group or aryl C1-C6 alkyl group; R_8 is hydrogen or cyano group; and R_9 is cyano group, carboxylic acid group, C1-C6 alkoxy carbonyl group, aryloxy carbonyl group, 5 aryl group or substituted aryl group, which process comprises reacting a triindole derivative represented by the following general formula (8):



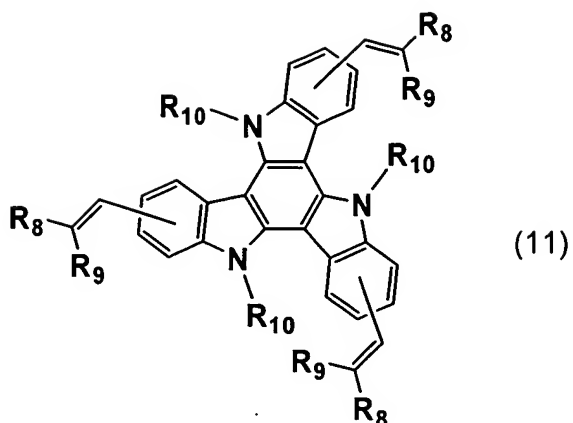
wherein R_5 has the same definition as given above, with a methylene compound represented by the general formula (9):



wherein R_8 and R_9 have the same definitions as give above.

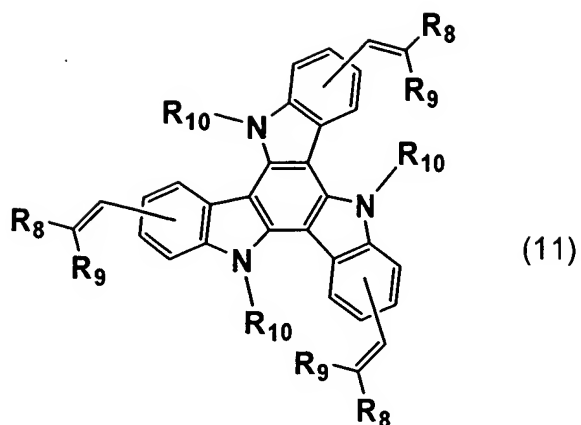
5

8. (Previously presented) A Sym-triindole vinyl derivative represented by the following general formula (11):

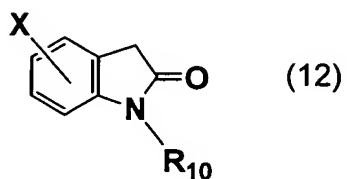


wherein R_8 is hydrogen or cyano group; R_9 is cyano group,
 carboxylic acid group, C1-C6 alkoxy-carbonyl group, aryloxy-
 carbonyl group, aryl group or substituted aryl group; and R_{10}
 is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12
 5 haloalkyl group or aryl C1-C6 alkyl group.

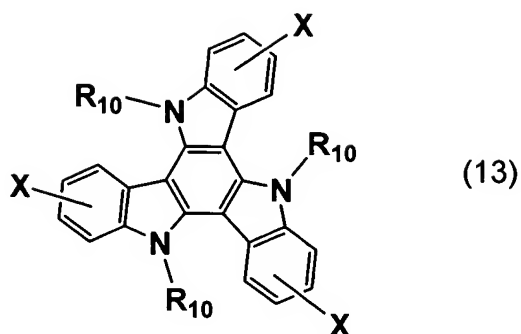
9. (Currently amended) A process for producing a Sym-
 triindole derivative represented by the following general
 formula (11):



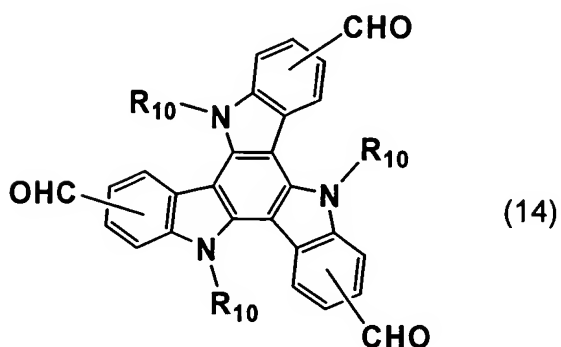
wherein R_8 is hydrogen or cyano group; R_9 is cyano group, carboxylic acid group, C1-C6 alkoxy-carbonyl group, aryloxy-carbonyl group, aryl group or substituted aryl group; and R_{10} is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group or aryl C1-C6 alkyl group, which process comprises reacting an oxyindole compound represented by the following general formula (12):



wherein R_{10} has the same definition as given above and X is halogen, with a phosphorus oxyhalide to obtain a Sym-halo-triindole derivative represented by the following general formula (13):



wherein R_{10} and X have the same definitions as given above,
 subjecting the derivative of general formula (13) to formyla-
 tion with a formylating agent in the presence of butyllithium
 5 to obtain a Sym-formyltriindole derivative represented by the
 following general formula (14):

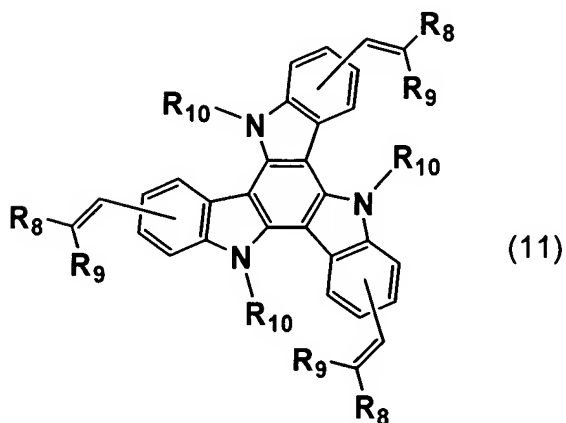


wherein R_{10} has the same definition as given above, and re-
 acting the derivative of general formula (14) with a methyl-
 10 ene compound represented by the following general formula
 (9):



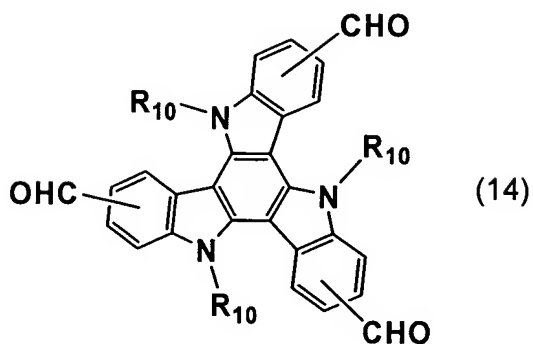
{wherein R₈ and R₉ have the same definitions as given above}.

10. (Previously presented) A process for producing a Sym-
 5 triindole derivative represented by the following general
 formula (11):

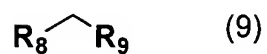


wherein R₈ is hydrogen or cyano group; R₉ is cyano group,
 carboxylic acid group, C1-C6 alkoxy carbonyl group, aryloxy-
 10 carbonyl group, aryl group or substituted aryl group; and R₁₀
 is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12
 haloalkyl group or aryl C1-C6 alkyl group, which process com-
 prises reacting a Sym-formyltriindole derivative represented

by the following general formula (14):

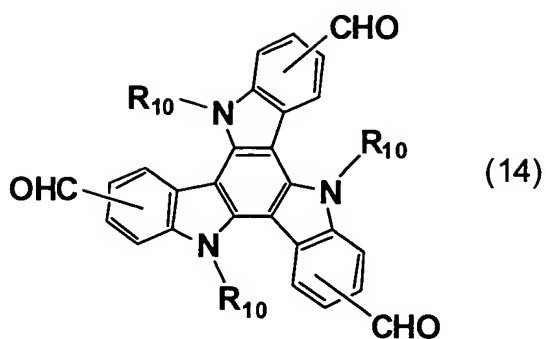


wherein R_{10} has the same definition as given above, with a
 methylene compound represented by the following general for-
 5 mula (9):



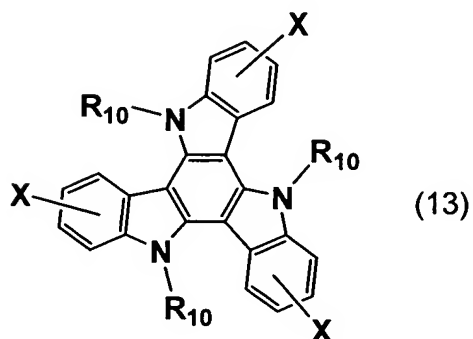
wherein R_8 and R_9 have the same definitions as given above.

11. (Previously presented) A process for producing a Sym-
 10 formyltriindole derivative represented by the following gen-
 eral formula (14):



wherein R_{10} is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group or aryl C1-C6 alkyl group), which process comprises subjecting a Sym-halo-triindole derivative represented by the following general formula (13):

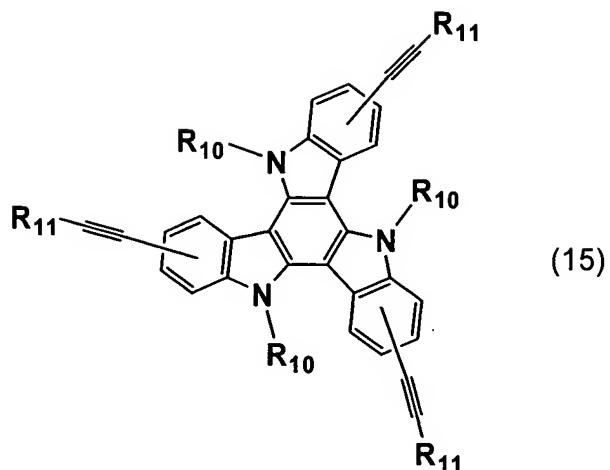
5



wherein R_{10} has the same definition as given above and X is halogen, to formylation with a formylating agent in the presence of butyllithium.

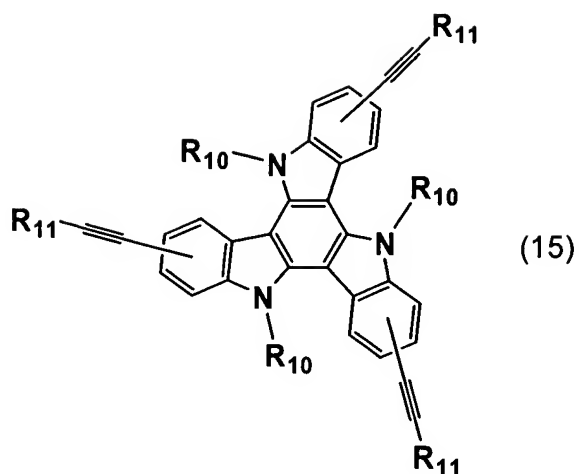
10 12. (Previously presented) A Sym-triindole derivative represented by the following

general formula (15):

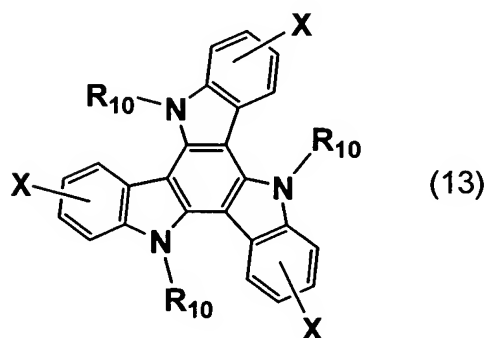


wherein R₁₀ is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group or aryl C1-C6 alkyl group; and
5 R₁₁ is aryl group or substituted aryl group.

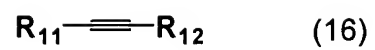
13. (Previously presented) A process for producing a Sym-triindole derivative represented by the following general formula (15):



wherein R_{10} is C2-C12 alkyl group, substituted C2-C12 alkyl group, C2-C12 haloalkyl group or aryl C1-C6 alkyl group; and R_{11} is aryl group or substituted aryl group, which process comprises reacting a Sym-halo-triindole derivative represented by the following general formula (13):



wherein R_{10} has the same definition as given above and X is halogen with an acetylene derivative represented by the following general formula (16):



wherein R_{11} has the same definition as given above and R_{12} is hydrogen or trimethylsilyl group.

14. (Canceled)